

Columbia 5199-9B.CIP.ST25
SEQUENCE LISTING

<110> Columbia University
Gu, Wei
Li, Muiyang

<120> HAUSP-Mdm2 INTERACTION AND USES THEREOF

<130> 5199-9B

<150> US 10/113,732

<151> 2002-03-30

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<170> PatentIn version 3.2

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35 40 45

Ser Asp Gly His Asn Thr Ala Glu Glu Asp Met Glu Asp Asp Thr Ser
50 55 60

Trp Arg Ser Glu Ala Thr Phe Gln Phe Thr Val Glu Arg Phe Ser Arg
65 70 75 80

Leu Ser Glu Ser Val Leu Ser Pro Pro Cys Phe Val Arg Asn Leu Pro
85 90 95

Trp Lys Ile Met Val Met Pro Arg Phe Tyr Pro Asp Arg Pro His Gln
100 105 110

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Lys Ser Val Gly Phe Phe Leu Gln Cys Asn Ala Glu Ser Asp Ser Thr
 115 125
 Ser Trp Ser Cys His Ala Gln Ala Val Leu Lys Ile Ile Asn Tyr Arg
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 145 150 155 160
 Lys Glu Asn Asp Trp Gly Phe Ser Asn Phe Met Ala Trp Ser Glu Val
 165 170 175
 Thr Asp Pro Glu Lys Gly Phe Ile Asp Asp Asp Lys Val Thr Phe Glu
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 Val Phe Val Gln Ala Asp Ala Pro His Gly Val Ala Trp Asp Ser Lys
 195 200 205
 Lys His Thr Gly Tyr Val Gly Leu Lys Asn Gln Gly Ala Thr Cys Tyr
 210 215 220
 Met Asn Ser Leu Leu Gln Thr Leu Phe Phe Thr Asn Gln Leu Arg Lys
 225 230 235 240
 Ala Val Tyr Met Met Pro Thr Glu Gly Asp Asp Ser Ser Lys Ser Val
 245 250 255
 Pro Leu Ala Leu Gln Arg Val Phe Tyr Glu Leu Gln His Ser Asp Lys
 260 265 270
 Pro Val Gly Thr Lys Lys Leu Thr Lys Ser Phe Gly Trp Glu Thr Leu
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 Asp Asn Val Glu Asn Lys Met Lys Gly Thr Cys Val Glu Gly Thr Ile
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 Pro Lys Leu Phe Arg Gly Lys Met Val Ser Tyr Ile Gln Cys Lys Glu
 325 330 335
 Val Asp Tyr Arg Ser Asp Arg Arg Glu Asp Tyr Tyr Asp Ile Gln Leu
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 Ser Ile Lys Gly Lys Lys Asn Ile Phe Glu Ser Phe Val Asp Tyr Val
 355 360 365

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Ala Val Glu Gln Leu Asp Gly Asp Asn Lys Tyr Asp Ala Gly Glu His
370 375 380

Gly Leu Gln Glu Ala Glu Lys Gly Val Lys Phe Leu Thr Leu Pro Pro
385 390 395 400

Val Leu His Leu Gln Leu Met Arg Phe Met Tyr Asp Pro Gln Thr Asp
405 410 415

Gln Asn Ile Lys Ile Asn Asp Arg Phe Glu Phe Pro Glu Gln Leu Pro
420 425 430

Leu Asp Glu Phe Leu Gln Lys Thr Asp Pro Lys Asp Pro Ala Asn Tyr
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Gly His Gln Gly Asn Asp Met Tyr Asp Glu Glu Lys Val Lys Tyr Thr
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Val Phe Lys Val Leu Lys Asn Ser Ser Leu Ala Glu Phe Val Gln Ser
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Leu Ser Gln Thr Met Gly Phe Pro Gln Asp Gln Ile Arg Leu Trp Pro
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610

615

620

Met Gln Ala Arg Ser Asn Gly Thr Lys Arg Pro Ala Met Leu Asp Asn
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Glu Ala Asp Gly Asn Lys Thr Met Ile Glu Leu Ser Asp Asn Glu Asn
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Pro Trp Thr Ile Phe Leu Glu Thr Val Asp Pro Glu Leu Ala Ala Ser
660 665 670

Gly Ala Thr Leu Pro Lys Phe Asp Lys Asp His Asp Val Met Leu Phe
675 680 685

Leu Lys Met Tyr Asp Pro Lys Thr Arg Ser Leu Asn Tyr Cys Gly His
690 695 700

Ile Tyr Thr Pro Ile Ser Cys Lys Ile Arg Asp Leu Leu Pro Val Met
705 710 715 720

Cys Asp Arg Ala Gly Phe Ile Gln Asp Thr Ser Leu Ile Leu Tyr Glu
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Glu Val Lys Pro Asn Leu Thr Glu Arg Ile Gln Asp Tyr Asp Val Ser
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Leu Asp Lys Ala Leu Asp Glu Leu Met Asp Gly Asp Ile Ile Val Phe
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Gln Lys Asp Asp Pro Glu Asn Asp Asn Ser Glu Leu Pro Thr Ala Lys
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Glu Tyr Phe Arg Asp Leu Tyr His Arg Val Asp Val Ile Phe Cys Asp
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Lys Thr Ile Pro Asn Asp Pro Gly Phe Val Val Thr Leu Ser Asn Arg
805 810 815

Met Asn Tyr Phe Gln Val Ala Lys Thr Val Ala Gln Arg Leu Asn Thr
820 825 830

Asp Pro Met Leu Leu Gln Phe Phe Lys Ser Gln Gly Tyr Arg Asp Gly
835 840 845

Pro Gly Asn Pro Leu Arg His Asn Tyr Glu Gly Thr Leu Arg Asp Leu
850 855 860

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Leu Gln Phe Phe Lys Pro Arg Gln Pro Lys Lys Leu Tyr Tyr Gln Gln
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Ile Trp Leu Asn Ser Gln Phe Arg Glu Glu Glu Ile Thr Leu Tyr Pro
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Asp Lys His Gly Cys Val Arg Asp Leu Leu Glu Glu Cys Lys Lys Ala
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Val Ser Tyr Lys Ile Ile Gly Val His Gln Glu Asp Glu Leu Leu Glu
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